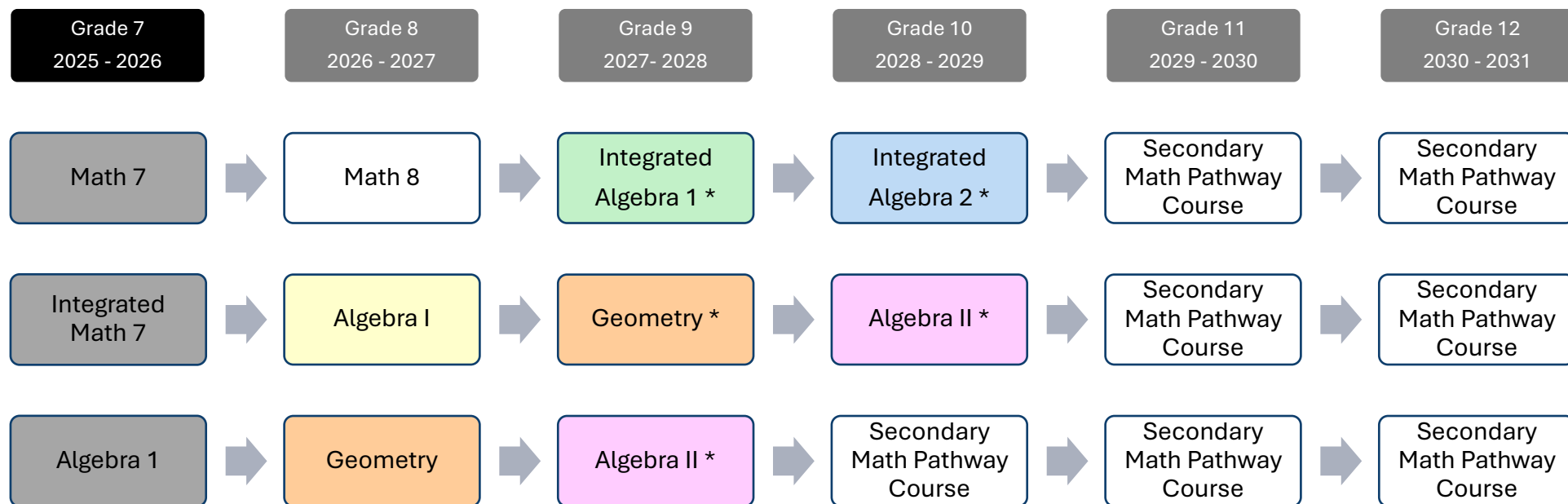


Harford County Public Schools Mathematics Program

This chart illustrates the possible course sequences for HCPS students entering grade 8 during the 2026 – 2027 school year. Placement recommendations into the grade 8 mathematics courses is based on academic achievement data and is completed through a universal screening process. This chart is subject to change based on MSDE requirements and future curriculum adoptions.



Key:

Integrated Algebra	Integrated Algebra 1 and Integrated Algebra 2 intentionally integrate priority algebra, geometry, and statistical content across two years. These courses will go into effect for in the 2027 – 2028 school year for students enrolling in Algebra for the first time and will be required for graduation.
*	Courses labeled with star (*) include an option to pair with a seminar course. Seminar courses earn one elective credit and are available on a school-by-school basis at high schools only.
Secondary Math Pathway Course	<p>Students will select courses based on their post-secondary goals and interests. Secondary Math Pathways include:</p> <ul style="list-style-type: none"> • Data & Statistical Reasoning • Quantitative Reasoning • Calculus <p>Movement between math pathways is allowed and should be based on students' goals and interest. Use the Student Educational Planning Guide to identify prerequisites for courses.</p>